

ABSTRACT OF THE DISCLOSURE

EDITING HTML DOM ELEMENTS IN WEB BROWSERS WITH NON-VISUAL CAPABILITIES

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A method, program and apparatus for rendering an image area in an electronic document are provided by means of a web browser having non-visual capabilities. The invention comprises parsing a web page and creating a document object model (DOM). The browser then determine if an image in the web page contains a "long description" attribute that names a URL address for a second web page. This second web page contains a long description of the image in the first web page. If the image does have this attribute, the browser creates a new subtree within the DOM of the first web page, and places the subtree adjacent to the image in the DOM. The subtree presents a visible and renderable hyperlink to the second web page containing the long description. The browser will then render the image and/or hyperlink. The image and hyperlink can be rendered audibly, tactiley, visually, or by a combination of these methods, depending on the needs of the user.

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